

REMARKS

Office Action Recap

The office action objected to claims 22-25 and 32-34 because of confusing terminology. The office action rejected claims 28, 30, 32, and 33 as being unpatentable over Izumizaki et al. The office action rejected claims 29 and 31 as being unpatentable over Izumizaki et al, and further in view of Budnik et al. The office action rejected claims 34-36 as being unpatentable over Izumizaki et al, and further in view of Rakitsch.

Claims 18-21, 26, and 27 were allowed. Claims 22-25 would be allowable if the informalities objected to were corrected. The office action objected to claim 37 as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form.

The office action recommended amending claim 28 so that the probes must contain 3-8 sensors. Applicant gratefully accepts this assistance.

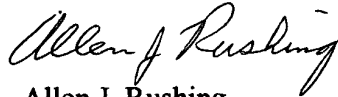
Summary of Proposed Amendments

The amendments proposed are for the sole purpose of complying with the requirements of the final office action. In claims 22, 23, 25, 32, 33, and 34, the term “sensor” has been replaced by “light detector” or “detector” in the places where there was confusion. Claim 28 has been amended so that the probes must have from 3 to 8 sensors in total. With claim 28 amended in this way, dependent claims 29-36 also have from 3 to 8 sensors. Claim 37 has been rewritten in independent form, with from 2 to 8 probes, each having from 1 to 8 sensors.

Conclusion

Amended claims fully complying with the requirements of the final office action have been proposed. Applicant submits that the application, amended as requested, will be in proper form for allowance, which action applicant respectfully requests. The Examiner is invited to contact the undersigned via telephone if such communication would expedite allowance of this application.

Very respectfully,



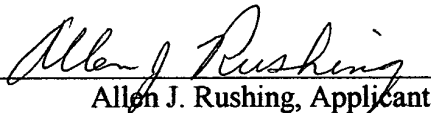
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June 25, 2003



Allen J. Rushing, Applicant